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[54] **FARNESYL DIPHOSPHATE SYNTHASE** Anderson, et al., *J. Biol. Chem.*, vol. 264, pp. 19176–19184. Nov. 15 1989.

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[57] ABSTRACT

A mutant prenyl diphosphate synthase capable of synthesizing prenyl diphosphates, shorter than those synthesized by the original enzyme, by modifying the amino acid sequence in and upstream of the aspartic acid-rich domain DDXX (XX)D (X denotes any amino acid, and XX in the parentheses may not be present) present in region II of the prenyl diphosphate synthase.

16 Claims, 3 Drawing Sheets

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435/325; 435/320.1; 435/410; 536/23.2;

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